

## ABSTRACT

Methods and systems for computer-based testing system are disclosed wherein the system includes testing stations in communication with a testing service center via the Internet for providing testing services. The testing service center is in further communication with a backend data storage server which provides test packages to the testing service center and stores the responses to test items displayed to the test takers. The system is operable to perform state management to implement fault recovery due to a computing device failure while a test is being administered. The system is also operable to utilize multiple caching techniques for administering tests.